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# Damien Duboeuf

Software architect · Lead full-stack developer · CTO · AI · DevOps

**STACK** `Node.js` `Symfony` `Vue / Nuxt` `React` `Next.js` `Angular` `Rust` `Laravel` `NestJS` `TypeScript`
**DEVOPS** `Docker` `Kubernetes` `AWS` `GitLab CI` `GitHub Actions` `Helm / ArgoCD` `Ansible` `Portainer` `nginx`
**AI** `AI agents` `MCP` `Claude Code` `OpenAI` `Local LLMs` `whisper.cpp` `3D generation`

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## EXPERIENCE

2026 — now

### Co-founder — GripForge

GripForge, “the tools your AI needs to make games”: a platform where AI agents (Claude Code and others) build complete 3D games from a catalogue of modules, for a web player and for Godot, Unity and Unreal.

- Designed the tooling for AI agents: MCP server and CLI, and the guidelines that steer the AI while it builds the game.
- Architecture: about 150 game modules written once in Rust, compiled to WebAssembly for the web and natively for the engines; Bevy player (WebGPU); parity across the 4 engines.
- AI 3D asset generation on on-demand rented GPUs, asset studios, community library.
- Built with fleets of AI agents working in parallel; CI, releases and continuous deployment.

2015 — now

### Software architect / Lead full-stack developer — freelance (own company)

Architecture, technical leadership, DevOps, back-end and front-end development engagements.

- Requirements analysis, technology assessment and choices.
- Architecture design and technical leadership of the teams.
- Front-end (Vue, Nuxt, React, Next, Angular, GraphQL) and back-end (Symfony, Laravel, NestJS) development.
- Automated deployment: AWS, GitLab CI, GitHub Actions, Docker, Kubernetes.

**Selected engagements:**

#### Koesio — Kiosk v2 2026 — now

Role : Senior full-stack developer and AI expert, in the product team
SaaS platform of the Koesio group (business services): customer and reseller portals, billed modules, back-office, and its satellites.

- **AI**: development driven by AI coding agents (Claude Code), several workstreams run in parallel and framed by team guidelines (AGENTS.md, Laravel Boost); AI features in the product, such as automatic summaries of meetings recorded from the extension.
- Front-end (Nuxt / Vue 3, Vuetify, Pinia) and back-end (Laravel 13, PHP 8.5) development.
- Mobile app (Capacitor), browser extension (WXT), Rust / Tauri file-sync client.
- Automated tests (Vitest, Pest, Playwright), merge-request reviews, Kubernetes deployment (Helm, ArgoCD).

#### Fiducial — Customer Support Portal 2026 — now

Role : Full-stack developer / application architect
Internal portal that aggregates, for a person or a company, data from half a dozen upstream systems (customer registries, accounts, LDAP, CAS) and lets support staff act on it.

- Designed the upstream integrations and their mocks for local development.
- Symfony 7 API, Vue 3 / Vuetify front-end, Ansible deployment, Sentry monitoring, e2e tests.

### Giant Consulting — Giant Mega Tool `2026 — now`

Role : Sole architect and developer, from design to production

The consulting firm's future CRM, designed and built end to end.

- Automatic conversion of CVs into skills files: AI extraction, side-by-side review, PDF output.
- Telephony replacing Aircall: Android app driving the sales team's phones, call transcription (whisper.cpp), notes written back to the CRM.
- LinkedIn → CRM Chrome extension, prospecting tooling, anonymised production copy.
- Monorepo, GitHub Actions CI, tag-based delivery to Portainer.

### EazyDoc `2025 — now`

Role : Technical owner (project decision-maker)

Medical practice management software in production (New Caledonia), health data.

- Production maintenance and lead of the Odoo 11 → Odoo 19 migration.
- Scheduling and SMS reminders, patient records, care claims, HPRIM lab results.

### Bankin `2026`

Role : Front-end developer, Scrum squad

Cashback browser extension of the banking aggregator.

### Wheelskeep `Jul 2022 — Feb 2026`

Role : **CTO** — technical direction, architect and principal lead developer

Improved the core application and moved the legacy code to modern, industrialised technologies.

- Defined the technical strategy and target architecture.
- Progressive migration to TypeScript / Node.js, Vue 3 and AWS Lambda serverless functions.
- Industrialisation: Docker, GitHub Actions CI/CD, AWS DevOps.

### La Maison du Whisky `with Clever Age Nov 2022 — Dec 2023`

Role : Architect / lead developer

Complete rebuild of the B2B website and industrialisation of the development environment.

- Headless front-end architecture (Next.js, Apollo / GraphQL) and Storybook component library.
- Led the development team; Docker environment and GitHub Actions CI.

### Enedis `Jan — Nov 2022`

Role : Architect / lead developer

Created a native yet cross-technology component technology: one codebase usable in Vue, React and Angular.

### Probikeshop `Jul 2021 — Jan 2022`

Role : DevOps

Automated tests and deployment, plus a complete instance of the application spun up for every branch.

### interflora.fr `with Insign Aug 2020 — Jul 2021`

Role : Architect and team technical lead

Complete rebuild of interflora.fr on Nuxt / GraphQL.

- Architecture and technology choices.
- Managed and trained the development team.
- Advised on the technical direction.

### Groupe 361 `2020 — 2021`

Role : Lead developer

Very high-traffic emailing platform; data analysis and visualisation.

**BIMData** `Jan 2019 — Aug 2020`

Role : Front-end architect

UI of the 3D BIM model player, and an embeddable module (Google Maps style) to drop it into other websites.

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`2016 — 2018`

### **Head of engineering / Lead developer** — Swabbl

Industrialised development practices, testing and the DEV / PREPROD / PROD environments.

- Took over the existing product.
- Managed the engineering team and introduced Agile (Scrum).
- Optimised and industrialised development practices.
- Built new back-end and front-end features.

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`2016`

### **Senior software engineer / Full-stack** — Proximedia

Designed and built applications front to back; analysed and chose the technologies to integrate.

- Chose the technical solutions.
- AngularJS and Material Design front-end development.
- Back-end API development.

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`2013 — 2016`

### **Software architect** — Glowbl

Designed and built the glowbl.com application, back-end and front-end.

- Functional analysis, technology analysis and choices.
- Designed and built new features.
- Front-end development, mobile and tablet support (responsive, HTML5).

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`2011 — 2013`

### **Software engineer** — Norsys

PHP / JavaScript / HTML5 consulting for clients such as Orange, Grand Lyon Habitat, M6 Web and Foederis.

- **Foederis** (2012-13): designed and built an HTML5 / JavaScript toolkit that generates rich web UIs; mobile and tablet support, design integration.
- **M6 Web** (2011-12, French TV group): maintenance of the group's video tools and sites; performance work on high-traffic sites (video platform and CDN); evolution of the application architecture across interconnected sites.

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`2010`

### **Software engineer** — Loyal Touch (Global Technologies)

Evolution and maintenance of high-traffic e-commerce sites; advice on the DEV / PREPROD / PROD organisation.

- Web platform performance optimisation.
- Rolled out Subversion and development practices; trained and supervised the team.
- Zend Framework, Magento and JavaScript development.

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`2009`

### **Software engineer** — Groupe Belink (MTPI)

Business web applications, CMS-based and e-commerce sites: from functional specs to production.

- Designed and built the group intranet and its data model.
- Direct client relationship.

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`2007 — 2008`

### **Web developer (work-study)** — Alptis Assurances

Internal business applications and the Alptis website.

- XML form generator, custom WordPress plugins.
- XHTML / W3C standards, technical and functional documentation.

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`2006 — 2007`

### **Developer** — Grenoble university lab

Re-engineered a linguistic disambiguation engine (machine translation) from LISP to Java.

## EDUCATION

2007 — 2008
**Bachelor's degree, Information Systems**
IUT A, Université Lyon 1

2005 — 2007
**Associate degree (DUT), Computer Science — Software Engineering**
IUT 2, Grenoble

2005
**Scientific baccalaureate (engineering)**
Lycée Notre-Dame de Bel Air